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TITLE: TORSIONAL VIBRATOR

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INVENTOR-INFORMATION:

NAME

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NAME

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ABSTRACT:

PURPOSE: To provide the torsional vibrator of a thin type which can be driven by a low voltage and at a high speed, and by which a large deflection angle is obtained.

CONSTITUTION: The torsional vibrator is provided with a sheet-like plate member 1 having a first and a second movable electrodes of a comb-teeth shape laminated through an insulating film, holding members 3a, 3b joined to the plate member 1 and a substrate 7 on a shaft passing through the centroid of this plate member 1, and fixed electrodes 5a, 5b (5b is omitted from showing it in the figure) of a comb-teeth shape, which are engaged to

comb teeth of the
plate member 1 and have sufficient thickness, comparing
with the plate member
1, and by impressing a voltage between a first and a second
movable electrodes
and the fixed electrodes 5a, 5b, the plate member 1 becomes
rotatable in the
periphery of the holding members 3a, 3b.

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